



CLASSIFICATION OF SUBJECT MATTER IPC7 A01N 31/06 According to International Patent Classification (IPC) or to both national classification and IPC FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) A01N 31/06, C07D 303/12, C07D 493/04 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Korean Patents and Applications for Invnetions since 1975; Korean Utility Models and Applications for Utility Models since 1975 Japanese Utility Models and Applications for Utility Models since 1975 Electronic data base consulted during the intertnational search (name of data base and, where practicable, search terms used) **eKIPASS** DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. 1 X, P KR 2003-11474 A (Korea Research Institute of Bioscience and Biotechnology) 11 Feb. 2003 See whole document KR 2003-85288 A (Korea Research Institute of Bioscience and Biotechnology) 5 Nov. 2003 1,2 Y,P See whole document 1,3 Y,P KR 2003-12722 A (Korea Research Institute of Bioscience and Biotechnology) 12 Feb. 2003 See whole document 1 US 5,968,749 A (Chang et al.) 19 Oct.1999 See whole document A US 5,834,283 A (Trustees of Dartmouth College) 10 Nov. 1998 See whole document See patent family annex. Further documents are listed in the continuation of Box C. Special categories of cited documents: later document published after the international filing date or priority "A" document defining the general state of the art which is not considered date and not in conflict with the application but cited to understand to be of particular relevance the principle or theory underlying the invention earlier application or patent but published on or after the international document of particular relevance; the claimed invention cannot be filing date considered novel or cannot be considered to involve an inventive document which may throw doubts on priority claim(s) or which is step when the document is taken alone cited to establish the publication date of citation or other document of particular relevance; the claimed invention cannot be special reason (as specified) considered to involve an inventive step when the document is document referring to an oral disclosure, use, exhibition or other combined with one or more other such documents, such combination being obvious to a person skilled in the art document published prior to the international filing date but later "&" document member of the same patent family than the priority date claimed Date of the actual completion of the international search Date of mailing of the international search report 18 MARCH 2004 (18.03.2004) 20 MARCH 2004 (20.03.2004) Authorized officer Name and mailing address of the ISA/KR Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, LEE, Jung Hee Republic of Korea

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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